

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: :
Jerry M. Keith : Art Unit: 1814
Serial No.: 07/542,149 :
Filed: 06/22/90 : Examiner: G. Bugaisky

Title: PERTUSSIS TOXIN GENE: CLONING AND EXPRESSION

Consent of Assignee

Hon. Commissioner of Patents and Trademarks
Washington, D.C. 20231

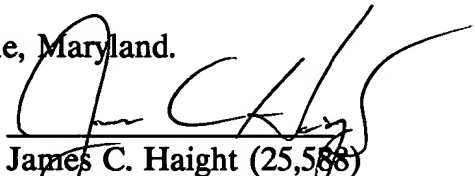
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Dear Sir or Madam:

The United States Department of Health and Human Services is assignee of the entire right, title, and interest in and to the above-identified application as shown by the assignment recorded on **February 15, 1989**, at Reel **5042**, Frame **0961**, in the patent assignment records of the U.S. Patent and Trademark Office. Said assignee hereby consents to the amendment of inventorship of this application to add the name of Witold Cieplak, Jr. as inventor, and to delete the name of Jerry M. Keith as inventor.

The National Institutes of Health Office of Technology Transfer has been duly delegated responsibility for such patent matters under the authority of the Department of Health and Human Services Secretary Louis W. Sullivan's May 21, 1991 memorandum appearing in the Friday, June 7, 1991 Federal Register Notices at Vol. 56, No. 110, pages 26418-26419, a copy of which is attached. The undersigned is authorized to exercise such authority in this matter.

Done on November 30, 1992, at Rockville, Maryland.


James C. Haight (25,588)

for: Reid G. Adler, Director
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DHHS #: E-171-86/2